

FIG. 1

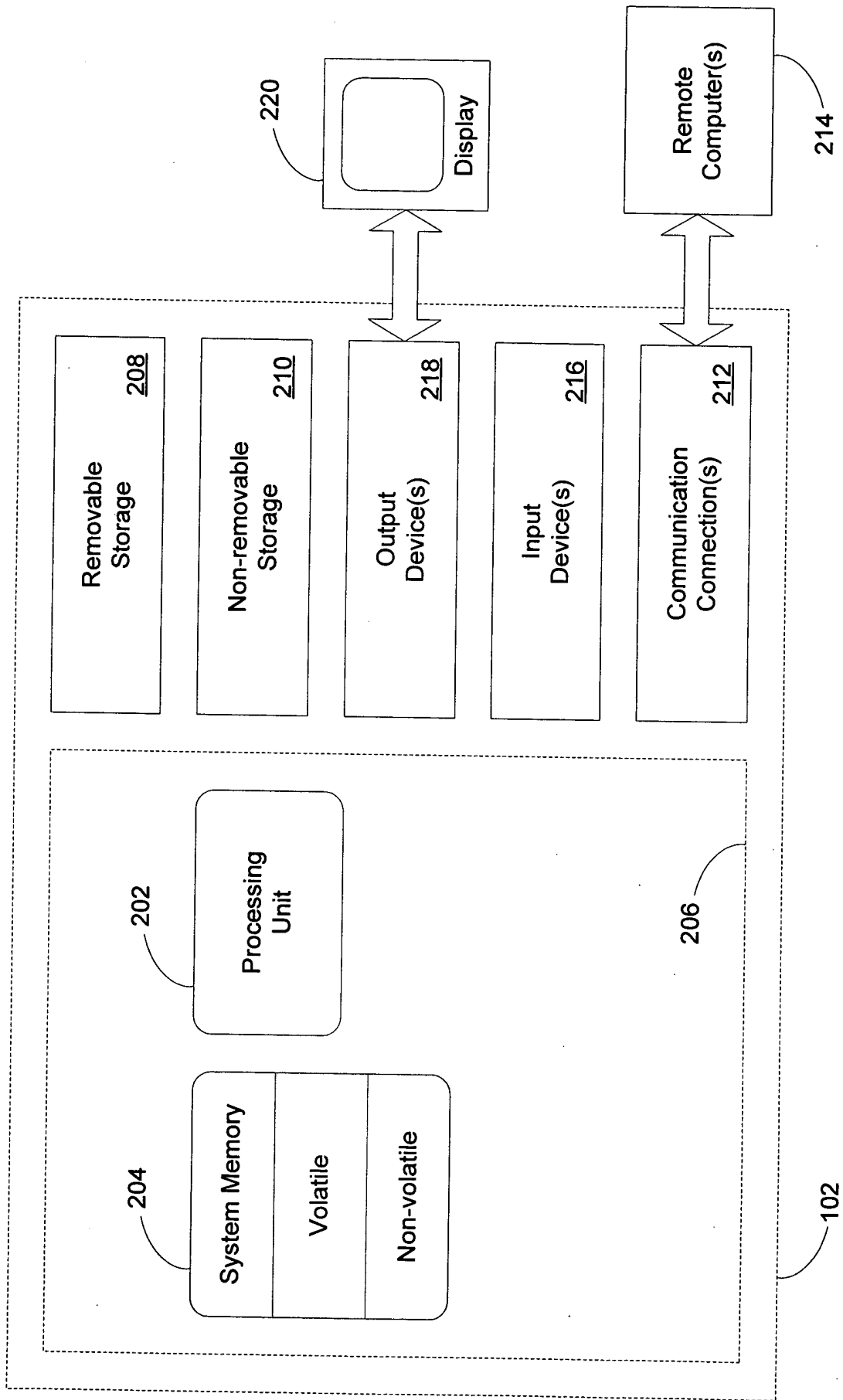


FIG. 2

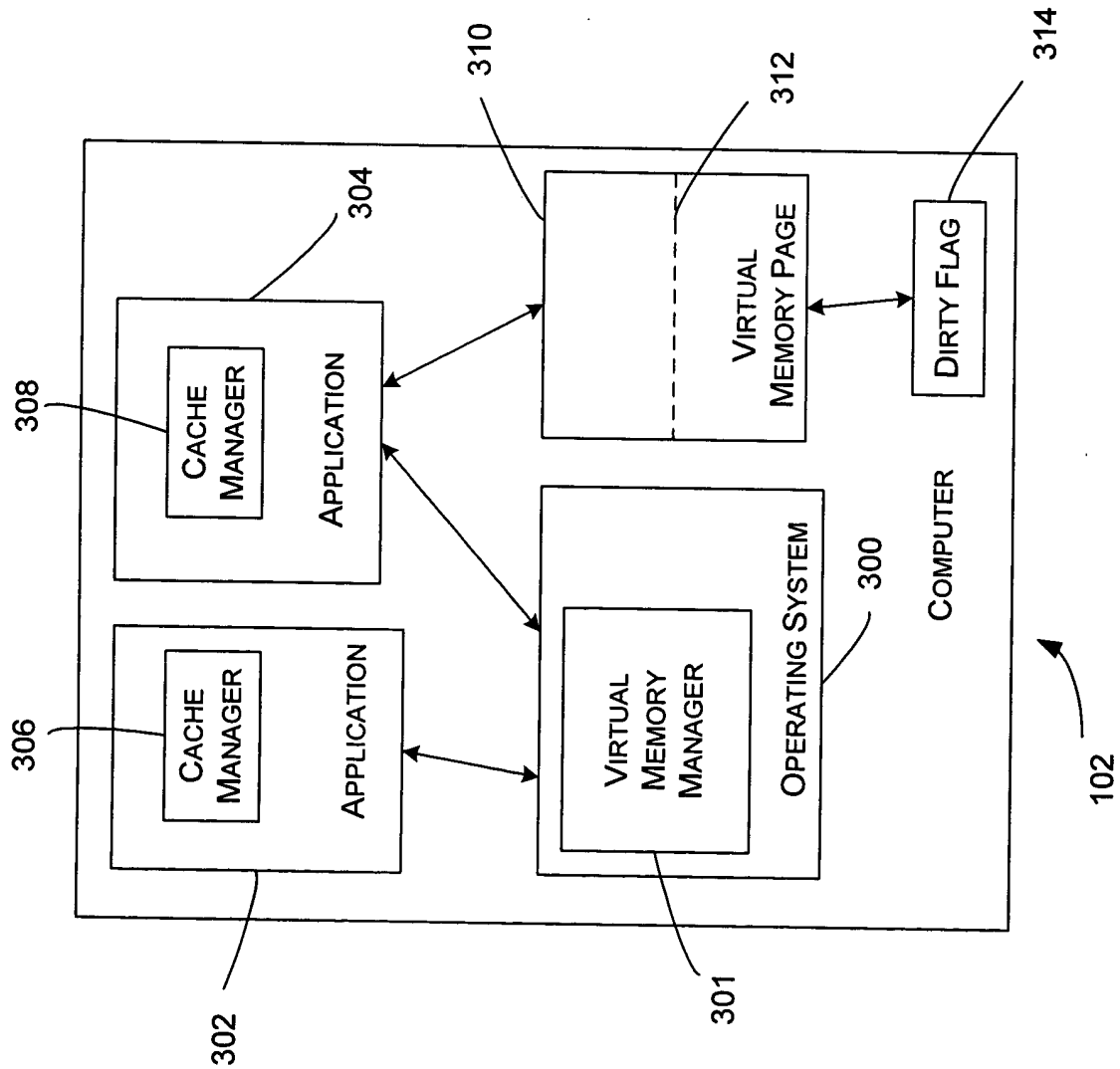


FIG. 3

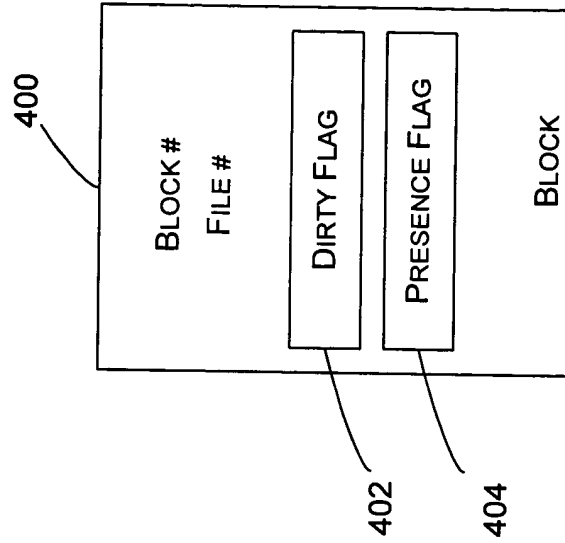


FIG. 4

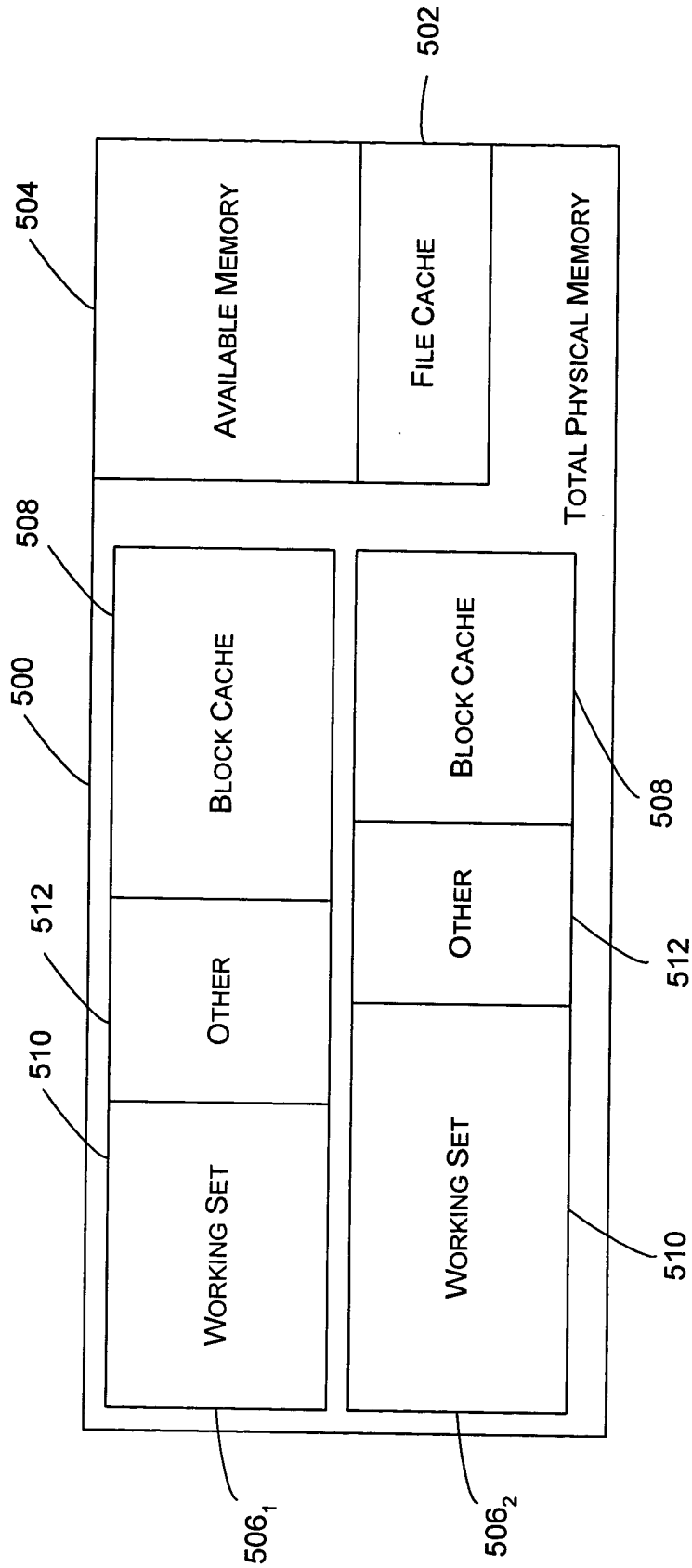


FIG. 5

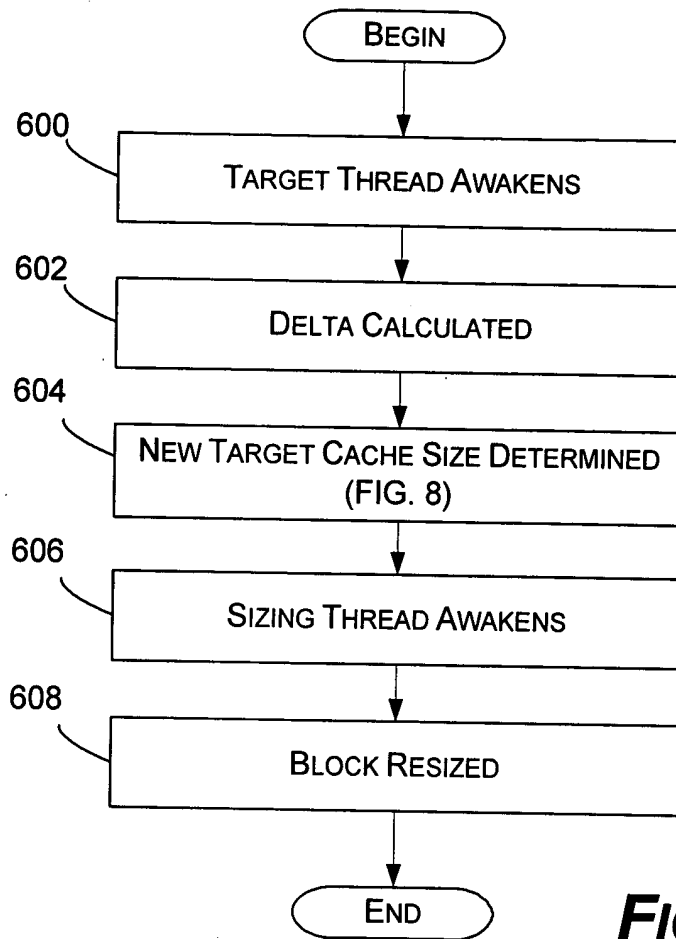


FIG. 6

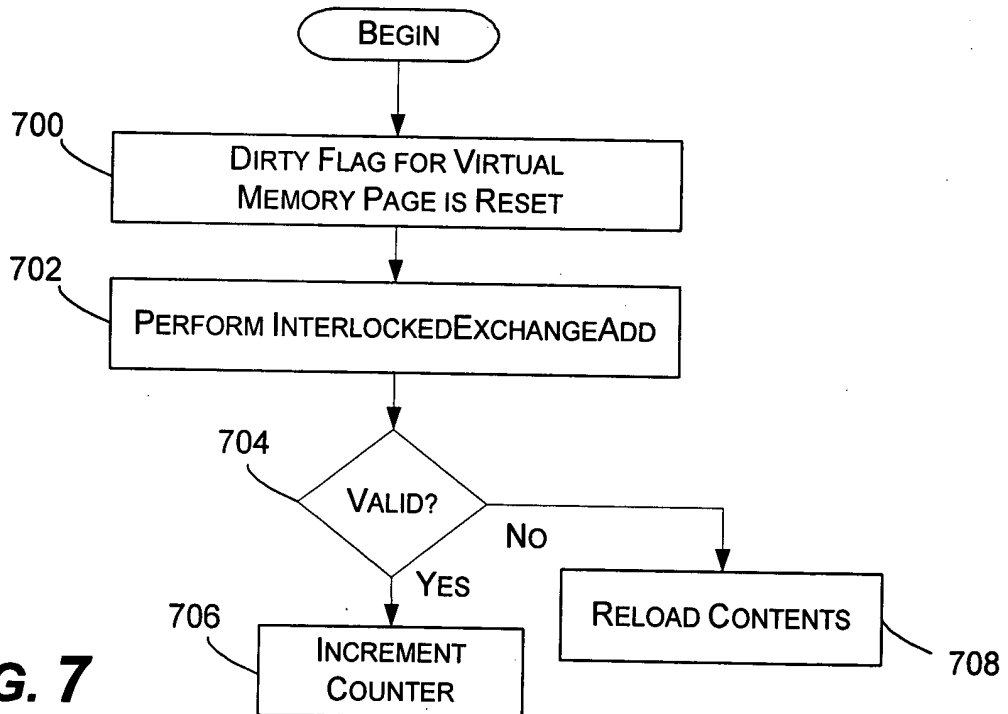


FIG. 7

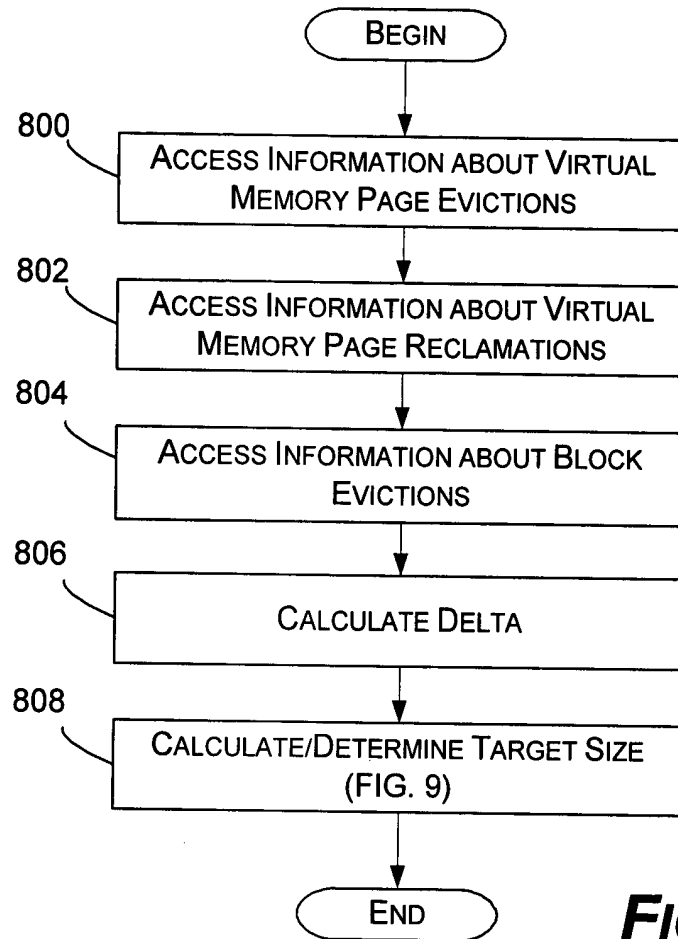


FIG. 8

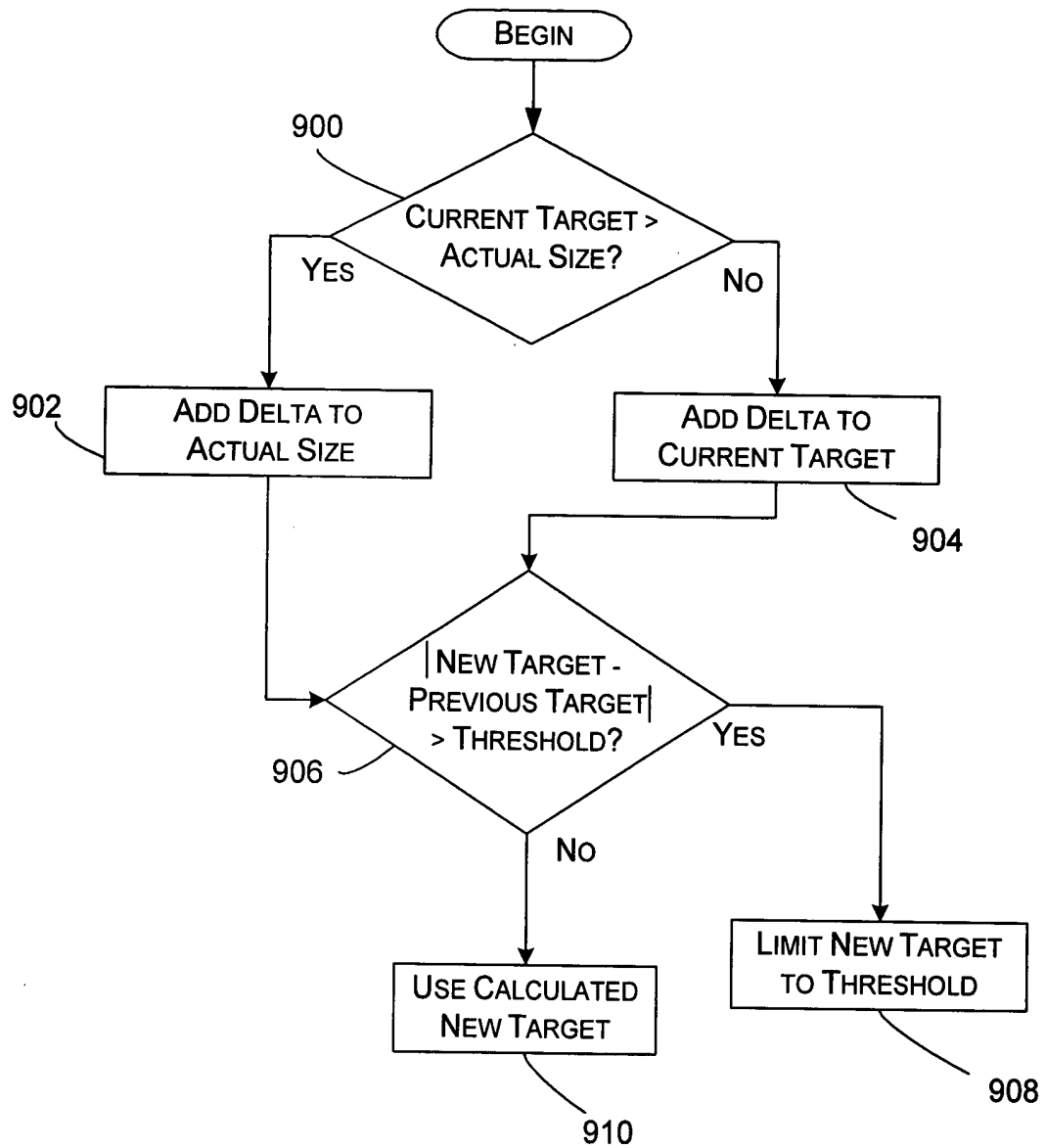


FIG. 9

$$dCM/dt = AM/TM * dBE/dt - CM/TM * dAE/dt$$

Where

CM = Cache Memory

AM = Available Physical Memory

TM = Total Physical Memory

BE = Block Evictions

AE = Approximated Virtual Memory Page

Evictions

t = time

FIG. 10
PRIOR ART